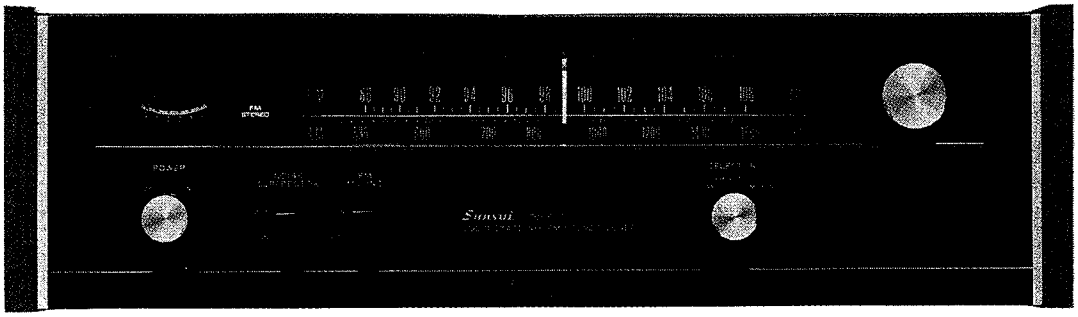
OPERATING INSTRUCTIONS & SERVICE MANUAL

FM/AM STEREO TUNER

SANSUI TU-505



Sansui

SANSUI ELECTRIC CO., LTD.

OPERATION

Congratulations on joining the thousands of proud, satisfied owners of quality stereo components from Sansui.
As the world's foremost audio-only specialist, Sansui has spared no effort in making the TU-505 one of the most sensitive, most versatile tuners ever marketed.
It is packed with state-of-the-art circuitry and a multitude of sophisticated features. The easy-to-tune wide dial with linear FM scale, noise-free FM tuning, FM antenna switch that attenuates exceedingly strong stations, and convenient tape recording outputs are just a few examples.
It is distinctively styled with a refined satin-black front panel, walnut side panels and a highly rational layout of controls and switches.
This manual and the enclosed reference sheet have been prepared to guide you in operating and caring for your TU-505 correctly. Please read them once carefully, then retain them for future reference.

SETTING UP YOUR TU-505

Before you insert the power cord into a wall AC outlet, be sure to make the following preparations.
FM Antenna: Connect the T-shaped feeder cable antenna supplied to the tuner's FM 300Ω terminals. Adjust the tuner for FM reception and stretch the antenna to a full 'T' shape, then adjust its height and direction until you obtain the best reception.
AM Bar Antenna: In areas where broadcast signals are sufficiently strong, clear AM reception is obtained simply by pulling the built-in AM ferrite bar antenna away from the rear panel.
Amplifier: Connect the OUTPUT terminals of the tuner with the TUNER or AUX terminals of your amplifier (integrated amplifier or preamplifier), using the pair of pin plug cables supplied. Be careful not to confuse the left and right channels.
Tape Deck: If you connect the tuner to a tape deck, you can record directly from the tuner. Connect the TAPE REC terminals of the tuner with the recording input terminals of your tape deck, also using pin plug cables.

FM/AM RECEPTION

1. Turn the Selector Control to FM AUTO or AM, whichever you may wish to hear.
2. Select the desired FM or AM station by turning the Tuning Control. The station is correctly tuned in when the Signal Meter pointer has swung as far to the right as possible.
If the FM station received is broadcasting in stereo, the FM Stereo Indicator will illuminate.

HINTS FOR BETTER RECEPTION

◆To receive a weak FM station

Turn off the FM Muting Switch and then tune in the desired station. With the FM muting circuit at work, the interstation noise commonly heard during FM tuning is shut out but weak stations may also be cancelled.

◆To suppress loud noise during AM or FM reception

Set the Noise Suppressor Switch to IN. If no loud noise is heard, be sure to keep it at OUT.

◆When receiving an excessively strong station

If the FM signal is too strong, the received sound may be distorted and crack. In this case, change the FM Local/Distant Antenna Switch over to LOC. Otherwise, be sure to leave it at DIST.

SIMPLE MAINTENANCE HINTS

OUTDOOR FM/AM ANTENNAS

In areas remote from broadcast stations or blocked by such obstacles as mountains and large buildings, the 'T' shaped FM antenna supplied and the built-in AM ferrite bar antenna may sometimes fail to give you clear receptions. To improve the quality of reception in such areas, try the following measures.

Outdoor FM Antenna: Install a commercially available FM outdoor antenna with at least five to seven elements. While such antenna may be connected to the tuner either with 300-ohm balanced feeder cable or 75-ohm unbalanced coaxial cable, the use of the latter is recommended because of its better signal transmission capability, if your budget allows at all. An impedance matching transformer may be sometimes required to connect such antenna, and this should be found out at the time of purchasing it. After connecting the antenna, adjust its height and direction so as to obtain the best reception while actually listening to your favorite FM station.

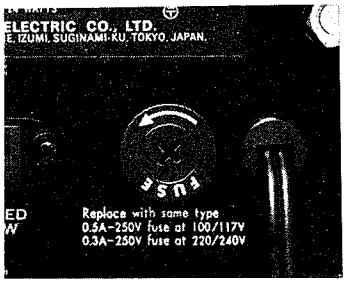
Outdoor AM Antenna: Connect the PVC cord supplied to the AM-A antenna terminal on the tuner's rear panel, then extend it outside a window or on the roof.

SHOULD THE POWER FUSE BLOW

If the dial indicator should fail to glow and your TU-505 remains dead when you turn on the Power Switch, it is possible that its power fuse has blown.

If this happens, disconnect the power cord from the AC outlet and examine the power fuse on the unit's rear panel. If you find it blown, replace it with a new glass-tubed fuse of the rated capacity (0.5-ampere for 100/117 volts, 0.3-ampere for 220/240 volts).

Never use a fuse of a different capacity or a piece of wire, even as a stopgap measure, or serious danger could result.



REAR-PANEL AC OUTLET

The AC outlet marked 'UNSWITCHED' on the rear panel can be used like any other outlet for AC house current. The voltage delivered at this AC outlet is the same as the power supply voltage used.

This AC outlet has a power capacity of 150W. Before you connect any appliance to it, be sure that it is adjusted for use at the same power supply voltage, and that its power consumption is not greater than 150W.

VOLTAGE ADJUSTMENT

Your TU-505 is adjusted to operate at the correct power supply voltage of your area prior to shipment from our factory.

Should you move after purchasing the tuner or send it to someone as a gift, it may be necessary to adjust the Voltage Selector. To adjust it:

1. Remove the two screws securing the name plate on the unit's rear panel, then remove the name plate.

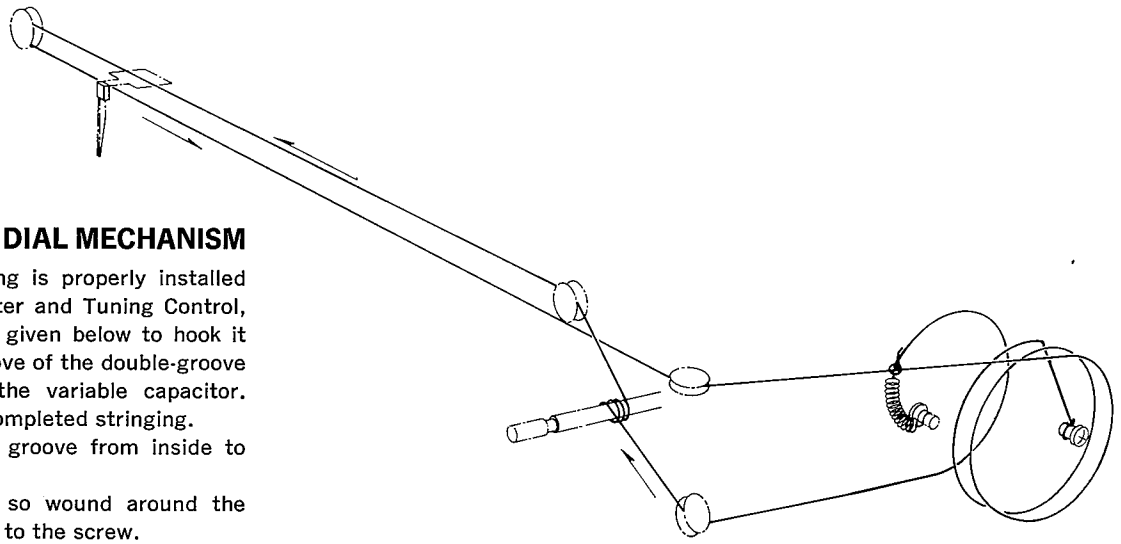
2. Unplug the Voltage Selector once, and reset it so that the arrow mark on it faces the correct voltage indication.

3. Change the power fuse as well whenever the power supply voltage has changed. For 100/117 volt operation, use a 0.5-ampere glass-tubed fuse. For 220/240 volt operation, use a 0.3-ampere one.

About Servicing

Should anything ever go wrong with your TU-505, or if you have any question about it, please contact the Sansui dealer from whom you purchased it or your nearest Authorized Sansui Service Station.

DIAL MECHANISM/SPECIFICATIONS



HOW TO STRING DIAL MECHANISM

After the dial string is properly installed around the dial pointer and Tuning Control, follow the procedure given below to hook it around the outer groove of the double-groove pulley attached to the variable capacitor. Diagram shows the completed stringing.

1. String the outer groove from inside to outside.
2. With the string so wound around the pulley, fix its end to the screw.
3. Turn the Tuning control clockwise until it begins to idle.
4. Using a finger, shift the string leading to the screw toward inside of the same outer groove.
5. Turn the Tuning Control to confirm that the completed stringing is as shown in the diagram.

SPECIFICATIONS

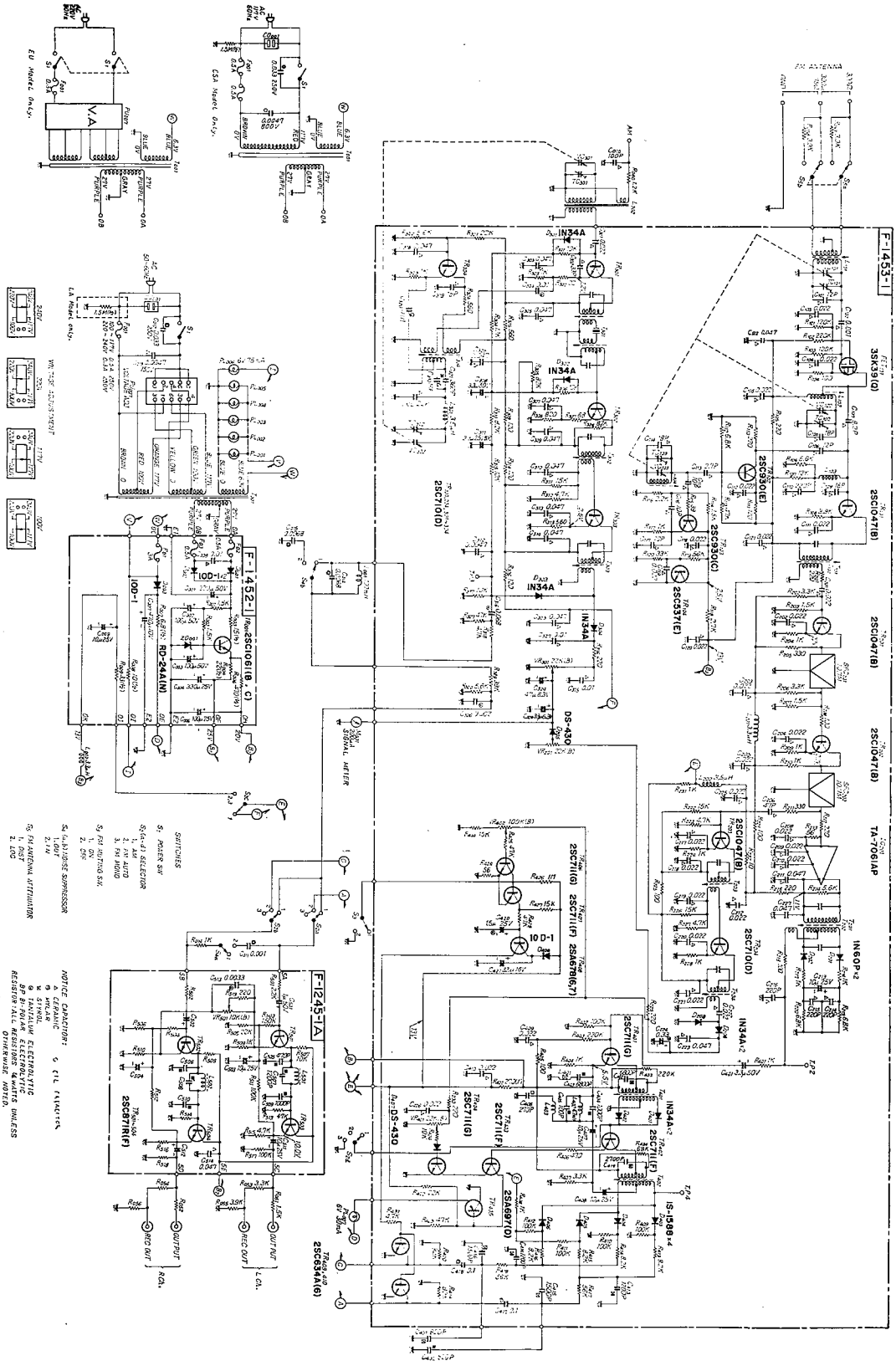
FM SECTION

TUNING RANGE:	88 to 108MHz
SENSITIVITY (IHF):	2.5μV
TOTAL HARMONIC DISTORTION	
MONO	less than 0.6%
STEREO	less than 0.8%
SIGNAL TO NOISE RATIO:	better than 65dB
SELECTIVITY:	better than 50dB
CAPTURE RATIO (IHF):	less than 2.5dB
IMAGE FREQUENCY REJECTION:	better than 50dB at 98MHz
IF REJECTION:	better than 60dB
SPURIOUS RESPONSE REJECTION:	better than 60dB
SPURIOUS RADIATION:	less than 34dB
STEREO SEPARATION:	better than 35dB at 400Hz
FREQUENCY RESPONSE:	30 to 15,000Hz +1dB, −2.5dB
ANTENNA INPUT IMPEDANCE:	300 ohms balanced, 75 ohms unbalanced
ANTENNA ATT.:	20dB

AM SECTION

TUNING RANGE:	535 to 1,605KHz
SENSITIVITY (Bar Antenna):	50dB/m
SELECTIVITY:	better than 25dB
IMAGE FREQUENCY REJECTION:	better than 80dB/m at 1,000KHz
IF REJECTION:	better than 80dB/m
TAPE REC OUTPUT:	0.4V
OUTPUT:	1.0V
SEMICONDUCTORS:	Transistors 27; FET 1; Diodes 19; IC 1
POWER REQUIREMENTS:	
POWER VOLTAGE	100, 117, 220, 240V 50/60Hz
POWER CONSUMPTION	Max. 16VA, Rated 14 Watts
DIMENSIONS:	115mm (4 9/16″) H 407mm (16 1/16″) W 278mm (11″) D
WEIGHT:	5.5kg (12.1 lbs.)

SCHEMATIC DIAGRAM



PRINTED CIRCUIT BOARDS AND PARTS LIST

W: Parts No. **X:** Parts Name **Y:** Stock No. **Z:** Position of Parts

TUNER BLOCK <F-1453-1>

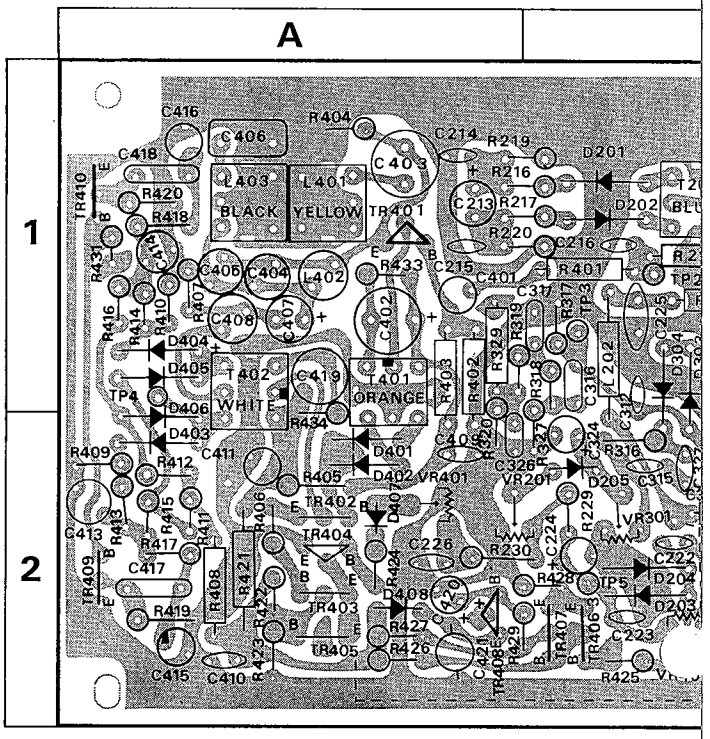
Stock No. 7520550

W	X	Y	Z
R101	120kΩ	0106124	1 D
R102	220kΩ	0106224	1 D
R103	120kΩ	0107124	1 D
R104	100Ω	0107101	1 D
R105	220Ω	0107221	1 D
R106	5.6kΩ	0106562	1 D
R107	12kΩ	0107123	1 D
R108	3.9kΩ	0107392	1 D
R110	220Ω	0107221	1 D
R111	120Ω	0106121	1 D
R112	6.8kΩ	0106682	1 D
R113	47kΩ	0106473	1 D
R114	1.5kΩ	0106152	1 D
R115	39Ω ± 5% 1/4W CR.	0106390	1 D
R116	2.2kΩ	0107222	1 D
R117	1kΩ	0106102	1 C
R118	2.7kΩ	0106272	1 D
R119	56kΩ	0106563	1 C
R120	33kΩ	0106333	1 C
R201	220Ω	0106221	1 C
R202	3.3kΩ	0106332	1 C
R203	1.5kΩ	0107152	1 C
R204	1kΩ	0106102	1 C
R205	330Ω	0106331	1 C
R206	3.3kΩ	0106332	1 C
R207	1.5kΩ	0106152	1 C
R208	100Ω	0106101	1 C

W	X	Y	Z
R209	1kΩ	0106102	1 C
R210	1kΩ	0106102	1 C
R211	330Ω	0107331	1 C
R212	220Ω	0107221	1 B, C
R213	56Ω	0106560	1 B
R214	5.6kΩ	0106562	1 B
R215	220Ω	0106221	1 B
R216	1kΩ	0106102	1 A, B
R217	1kΩ	0106102	1 A, B
R218	100Ω	0107101	1 B
R219	6.8kΩ	0106682	1 A, B
R220	6.8kΩ	0106682	1 A, B
R221	100Ω ± 5% 1/4W CR.	0107101	1 B, C
R222	15kΩ	0106153	2 C
R223	4.7kΩ	0106472	2 C
R224	1kΩ	0107102	2 B
R225	100Ω	0107101	2 B
R226	15kΩ	0106153	2 B
R227	4.7kΩ	0106472	2 B
R228	1kΩ	0106102	2 B
R229	220Ω	0106221	2 B
R230	220Ω	0106221	2 A, B
R231	1kΩ	0107102	2 B
R232	10Ω	0107100	1 B
R301	10kΩ	0107103	2 C
R302	22Ω	0107220	1, 2 C
R303	1kΩ	0107102	1, 2 C

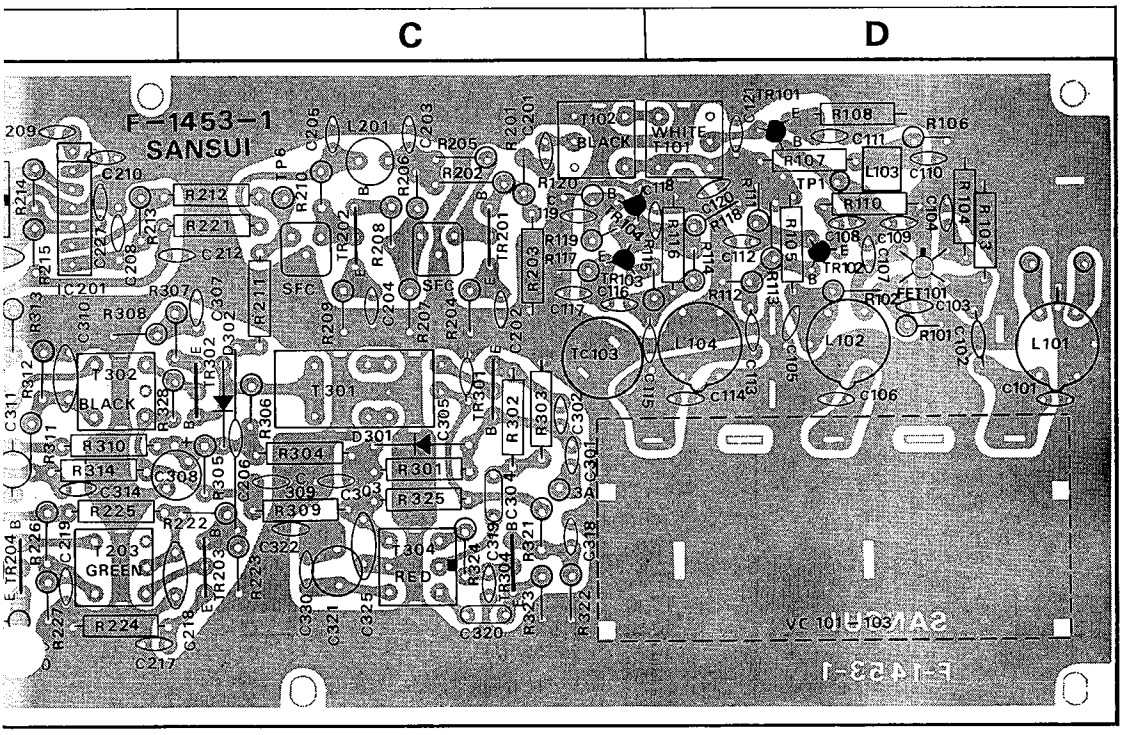
Abbreviations

CR	:	Carbon Resistor
SR	:	Solid Resistor
MFR	:	Metal Oxide Film Resistor
CC	:	Ceramic Capacitor
EC	:	Electrolytic Capacitor
AEC	:	Aluminlum Solid Electrolytic Capacitor
BPEC	:	Bi-Polar Electrolytic Capacitor
MC	:	Mylar Capacitor
MPC	:	Metallized Polyester Capacitor
SC	:	Styrol Capacitor
MIC	:	Mica Capacitor



W	X	Y	Z
R304	12kΩ	0107123	2C
R305	82kΩ	0106823	2C
R306	10kΩ	0106103	1, 2C
R307	68Ω	0106680	1B, C
R308	820Ω	0106821	1B
R309	120Ω	0107121	2C
R310	8.2kΩ	0107822	2B
R311	15kΩ	0106153	2B
R312	4.7kΩ	0106472	1B
R313	560Ω	0106561	1B
R314	120Ω	0107121	2B
R315	10kΩ	0107103	2B
R316	220Ω	0106221	2B
R317	10kΩ ± 5% ¼W CR.	0106103	1B
R318	4.7kΩ	0106472	1B
R319	39kΩ	0107393	1A, B
R320	5.6kΩ	0106562	1, 2A
R321	22kΩ	0106223	2C
R322	5.6kΩ	0106562	2C
R323	1kΩ	0106102	2C
R324	560Ω	0106561	2C
R325	560Ω	0107561	2C
R326	120Ω	0107121	2B
R327	47kΩ	0106473	1, 2B
R328	8.2kΩ	0106822	1, B C
R401	1kΩ	0107102	1B
R402	100kΩ	0107104	1, 2A

W	X	Y	Z
R403	220kΩ	0107224	1, 2A
R404	1kΩ	0106102	1A
R405	100Ω	0106101	2A
R406	470Ω	0106471	2A
R407	3.3kΩ	0106332	1A
R408	1kΩ	0107102	2A
R409	100kΩ	0106104	2A
R410	100kΩ	0106104	1A
R411	100kΩ ± 5% ¼W CR.	0106104	2A
R412	100kΩ	0106104	2A
R413	8.2kΩ	0106822	2A
R414	8.2kΩ	0106822	1A
R415	8.2kΩ	0106822	2A
R416	8.2kΩ	0106822	1A
R417	56kΩ	0106563	2A
R418	56kΩ	0106563	1A
R419	82kΩ	0106823	2A
R420	82kΩ	0106823	1A
R421	270Ω ±10% 1W MFR.	0171271	2A
R422	22kΩ	0106223	2A
R423	47kΩ	0106473	2A
R424	10kΩ	0106103	2A
R425	47kΩ	0106473	2B
R426	1MΩ ± 5% ¼W CR.	0106105	2A
R427	15kΩ	0106153	2A
R428	56Ω	0106560	2A, B
R429	47kΩ	0106473	2A, B



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W: Parts No. **X:** Parts Name **Y:** Stock No. **Z:** Position of Parts

TUNER BLOCK 〈F-1453-1〉 (Cont'd)

Stock No. 7520550

W	X	Y	Z
R431	4.7kΩ ± 5% 1/4W CR.	0106472	1 A
R432	15kΩ ± 5% 1/4W CR.	0106153	2 B
R433	220kΩ ± 5% 1/4W CR.	0106224	1 A
R434	68kΩ ± 5% 1/4W CR.	0106683	1, 2 A
VR201	22kΩ (B) Signal Meter Adj. (FM)	1035150	2 A, B
VR301	22kΩ (B) Signal Meter Adj. (AM)	1035150	2 B
VR401	22kΩ (B) FM Stereo Indicator Adj. (AM)	1035150	2 A
VR402	100kΩ (B) FM Muting Adj.	1035190	2 B
C101	12pF ± 5% 50V CC.	0669347	1 D
C102	0.001μF +80%/−20% 25V CC.	0656102	1 D
C103	0.022μF +80%/−20% 25V CC.	0656223	1 D
C104	0.022μF +80%/−20% 25V CC.	0656223	1 D
C105	0.022μF +80%/−20% 25V CC.	0656223	1 D
C106	18pF ± 5% 50V CC.	0669353	1 D
C107	8.2pF ±0.5pF 50V CC.	0669209	1 D
C108	12pF ± 5% 50V CC.	0669347	1 D
C109	18pF ± 5% 50V CC.	0669353	1 D
C110	220pF ±10% 50V CC.	0660221	1 D
C111	0.022μF +80%/−20% 25V CC.	0656223	1 D
C112	0.022μF +80%/−20% 25V CC.	0656223	1 D
C113	2.7pF ±0.25pF 50V CC.	0669203	1 D
C114	18pF ± 5% 50V CC.	0669378	1 D
C115	10pF ±0.25pF 50V CC.	0669370	1 D
C116	10pF ±0.25pF 50V CC.	0669370	1 C
C117	10pF ±0.25pF 50V CC.	0669320	1 C
C118	0.022μF +80%/−20% 25V CC.	0656223	1 D
C119	0.022μF +80%/−20% 25V CC.	0656223	1 C
C120	0.022μF +80%/−20% 25V CC.	0656223	1 D
C121	0.022μF +80%/−20% 25V CC.	0656223	1 D
C201	0.022μF +80%/−20% 25V CC.	0656223	1 C
C202	0.022μF +80%/−20% 25V CC.	0656223	1 C
C203	0.022μF +80%/−20% 25V CC.	0656223	1 C
C204	0.022μF +80%/−20% 25V CC.	0656223	1 C
C205	0.022μF +80%/−20% 25V CC.	0656223	1 C
C206	47pF ±10% 50V CC.	0660470	1, 2 C
C208	0.022μF +80%/−20% 25V CC.	0656223	1 B
C209	0.022μF +80%/−20% 25V CC.	0656223	1 B
C210	0.022μF +80%/−20% 25V CC.	0656223	1 B
C211	0.047μF +80%/−20% 25V CC.	0656473	1 B
C212	0.022μF +80%/−20% 25V CC.	0656223	1 B, C
C213	10μF 25V EC.	0513100	1 A
C214	220pF ±10% 50V CC.	0660221	1 A
C215	220pF ±10% 50V CC.	0660221	1 A
C216	220pF ±10% 50V CC.	0660221	1 B
C217	0.022μF +80%/−20% 25V CC.	0656223	2 B
C218	0.022μF +80%/−20% 25V CC.	0656223	2 B, C
C219	0.022μF +80%/−20% 25V CC.	0656223	2 B
C220	0.022μF +80%/−20% 25V CC.	0656223	2 B
C221	0.022μF +80%/−20% 25V CC.	0656223	2 B
C222	0.022μF +80%/−20% 25V CC.	0656223	2 B
C223	0.047μF +80%/−20% 25V CC.	0656473	2 B
C224	0.33μF 25V TC.	0573338	2 B
C225	0.022μF +80%/−20% 25V CC.	0656223	2 A
C226	0.022μF +80%/−20% 25V CC.	0656223	1 B
C227	0.047μF +80%/−20% 25V CC.	0656473	2 C
C301	0.022μF +80%/−20% 25V CC.	0656223	

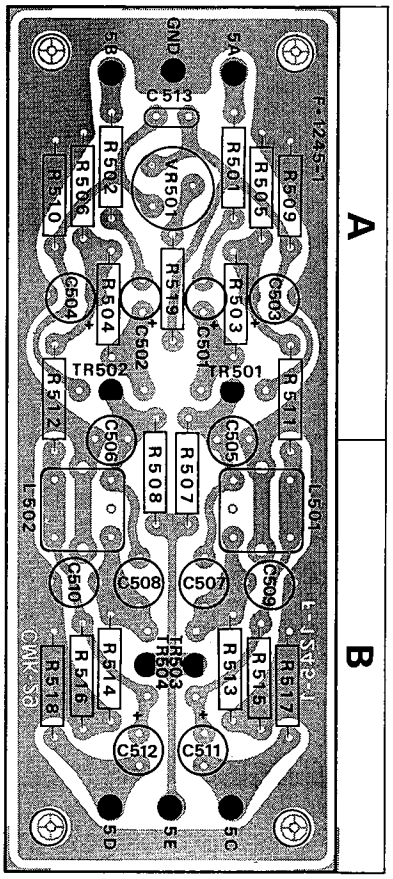
W	X	Y	Z
C302	33pF ±10% 50V CC.	0660330	1, 2 C
C303	0.047μF +80%/−20% 25V CC.	0656473	2 C
C304	0.01μF ±10% 50V MC.	0601107	2 C
C305	0.047μF +80%/−28% 25V CC.	0656473	1 C
C306	0.047μF +80%/−28% 25V CC.	0656473	
C307	0.047μF +80%/−20% 25V CC.	0656473	1 C
C308	3.3μF 50V EC.	0515339	2 B, C
C309	0.047μF +80%/−20% 25V CC.	0657473	2 C
C310	0.047μF +80%/−20% 25V CC.	0657473	1 B
C311	3.3μF 25V BPEC.	0533339	2 B
C312	0.0047μF +80%/−20% 25V CC.	0657472	1 B
C313	0.047μF +80%/−20% 25V CC.	0657473	1 B
C314	0.047μF +80%/−20% 25V CC.	0657473	2 B
C315	0.01μF +80%/−20% 25V CC.	0657103	2 B
C316	0.068μF ±10% 50V MC.	0601687	1 B
C318	0.047μF +80%/−20% 25V CC.	0656473	2 C
C319	15pF ±10% 50V CC.	0660150	2 C
C320	0.01μF ±10% 50V MC.	0601107	2 C
C321	360pF ± 5% 50V SC.	0620361	2 C
C322	22pF ±10% 50V CC.	0660220	2 C
C323	0.047μF +80%/−20% 25V CC.	0656473	2 B
C324	47μF 6.3V EC.	0510470	2 B
C325	0.047μF +80%/−20% 25V CC.	0656473	2 C
C326	0.002μF ± 5% 50V MC.	0600206	2 B
C327	0.01μF +80%/−20% 25V CC.	0656103	2 B
C328	33μF 6.3V EC.	0510330	
C330	15pF ±10% 50V CC.	0660150	
C401	3.3μF 50V EC.	0515339	1 A
C402	6800pF ± 5% 50V SC.	0620682	1 A
C403	6800pF ± 5% 50V SC.	0620682	1 A
C404	1000pF ± 5% 50V SC.	0620102	1 A
C405	100pF ± 5% 50V SC.	0620101	1 A
C406	270pF ± 5% 50V MiC.	0640271	1 A
C407	10μF 25V EC.	0513100	1 A
C408	10μF 25V EC.	0513100	1 A
C409	0.022μF +80%/−20% 25V CC.	0656223	2 B
C410	0.022μF +80%/−20% 25V CC.	0656223	2 A
C413	1200pF ± 5% 50V SC.	0620122	2 A
C414	1200pF ± 5% 50V SC.	0620122	1 A
C415	1500pF ± 5% 50V SC.	0620152	2 A
C416	1500pF ± 5% 50V SC.	0620152	1 A
C417	0.1μF ±10% 50V MC.	0601108	2 A
C418	0.1μF ±10% 50V MC.	0601108	1 A
C419	1.5μF 25V TC.	0573159	1 A
C421	3.3μF 50V EC.	0515339	2 A
C431	820pF ± 5% 50V SC.	0620821	
C432	820pF ± 5% 50V SC.	0620821	
VC101~103, 301, 302	Variable Capacitor	1220150	2 C, D
TC103	Ceramic Trimmer	1230090	2 C
TR101	2SC1047 (B)	0305801	1 D
TR102	2SC930 (E)	0305792	1 D
TR103	2SC930 (C)	0305790	1 C
TR104	2SC537 (E)	0305440	1 C
TR201	2SC1047 (B)	0305801	1 C
TR202	2SC1047 (B)	0305801	1 C

W	X	Y	Z
TR203	2SC1047(B)	0305801	2C
TR204	2SC710 (D)	0305943	2B
TR301		0305943	1, 2C
TR302		0305943	1, 2C
TR303		0305943	1, 2B
TR304		0305943	2C
TR401	2SC711 (G)	0305733	1A
TR402	2SC711 (F)	0305732	2A
TR403		0305732	2A
TR404	2SC711 (G)	0305733	2A
TR405	2SA697 (D)	0300311	2A
TR406	2SC711 (G)	0305733	2B
TR407	2SC711 (F)	0305732	2B
TR408	2SA678 (6, 7)	0300291, 2	2A
TR409	2SC634A (6)	0305891	2A
TR410		0305891	1A
D201	1N60P	0311060	1B
D202		0311060	1B
D203	1N34A	0310400	2B
D204		0310400	2B
D205	DS-430	0340090	2B
D301	1N34A	0310400	2C
D302		0310400	1, 2C
D303		0310400	1, 2B
D304		0310400	1, 2B
D401		0310400	2A
D402		0310400	2A
D403	1S-1588	0311180	2A
D404		0311180	1A
D405		0311180	1A
D406		0311180	1, 2A
D407	DS-430	0340090	2A
D408	10D-1	0310340	2A
FET101	3SK39 (Q)	0370080	1D
IC201	TA7061AP	0360060	1B
T101	FM IF Coil	4235890	1D
T102		4235900	1C
T201	FM Discriminator Coil	4235750	1B
T202		4235760	1B
T203	FM Meter Coil	4235770	2B
T204		4235780	2B
T301	YFL-455E_2 or CFW-455B	0910180, 2	1, 2C
T302	AM IF Coil	4230510	1, 2B
T303		4230500	1, 2B
T304	AM OSC Coil	4220280	2C
T401	FM MPX Coil	4240630	1, 2A
T402		4240620	
L101	FM Antenna Coil	4200570	1D
L102	FM RF Coil	4210200	1D
L103	Choke Coil	4290110	1D
L104	FM OSC Coil	4220400	1D
L201	3.3μH Micro Inductor	4900100	1C
L202	3.5μH Peaking Coil	4290011	1, 2B
L301		4290011	
L401	MPX Coil	4240640	1A
L402	4.7mH Ferri Inductor	4900030	1A
L403	MPX Coil	4240610	1A
	F-1453 Printed Cicuit Board	4520340	

MPX DIFFERENTIAL AMP BLOCK ⟨F-1245-1A⟩

Stock No. 7591270

W	X		Y	Z
R501	2.2kΩ	± 5% ¼W CR.	0107222	A
R502	2.2kΩ		0107222	A
R503	150kΩ		0107154	A
R504	150kΩ		0107154	A
R505	22kΩ		0107223	A
R506	22kΩ		0107223	A
R507	10kΩ		0107103	A, B
R508	10kΩ		0107103	A, B
R509	1kΩ		0107102	A
R510	1kΩ		0107102	A
R511	100kΩ		0107104	A, B
R512	100kΩ		0107104	A, B
R513	47kΩ		0107473	B
R514	47kΩ		0107473	B
R515	4.7kΩ		0107472	B
R516	4.7kΩ		0107472	B
R517	100kΩ		0107104	B
R518	100kΩ		0107104	B
R519	220Ω		0107221	A
VR501	10kΩ(B)	FM Stereo Separation Adj.	1035370	A



PRINTED CIRCUIT BOARDS AND PARTS LIST

W: Parts No. **X:** Parts Name **Y:** Stock No. **Z:** Position of Parts

MPX DIFFERENTIAL AMP BLOCK ⟨F-1245-1A⟩ (Cont'd)

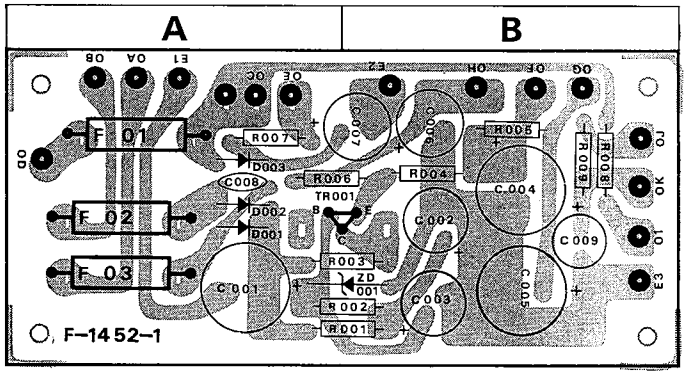
Stock No. 7591270

W	X	Y	Z
C501	1μF 50V EC.	0515109	A
C502	1μF 50V EC.	0515109	A
C503	10μF 25V EC.	0513100	A
C504	10μF 25V EC.	0513100	A
C505	470pF ± 5% 50V SC.	0620471	A, B
C506	470pF ± 5% 50V SC.	0620471	A, B
C507	1200pF ± 5% 50V SC.	0620122	B
C508	1200pF ± 5% 50V SC.	0620122	B
C509	1000pF ± 5% 50V SC.	0620102	B
C510	1000pF ± 5% 50V SC.	0620102	B
C511	10μF 25V EC.	0613100	B
C512	10μF 25V EC.	0613100	B
C513	0.0033μF ±10% 50V MC.	0601336	A
C514	0.047μF $^{+80}_{-20}$% 25V CC.	0656473	
TR501	2SC871R (F)	0305475	A
TR502	2SC871R (F)	0305475	A
TR503	2SC871R (F)	0305475	B
TR504	2SC871R (F)	0305475	B
L501	Coil	4240570	B
L502	Coil	4240570	B
	F-1245-1 Printed Circuit Board	2591270	

POWER BLOCK ⟨F-1452-1⟩

Stock No. 7500700

W	X	Y	Z
R001	1.5kΩ ±10% ¼W CR.	0101152	A, B
R002	1.5kΩ ±10% ¼W CR.	0101152	A, B
R003	15Ω ±10% ½ SR.	0111150	A, B
R004	22Ω ±10% ½ SR.	0111220	A
R006	470Ω ±10% ½ SR.	0111471	A, B
R007	6.8Ω ±10% ½ SR.	0111689	A
R008	10Ω ±10% ½ SR.	0111100	B
R009	33Ω ± 5% ¼W CR.	0107330	B
C001	220μF 50V EC.	0515221	A
C002	100μF 50V EC.	0515101	B
C003	100μF 50V EC.	0515101	B
C004	330μF 25V EC.	0513331	B
C006	100μF 25V EC.	0513101	B
C007	470μF 10V EC.	0511471	A, B
C008	0.01μF $^{+100}_{-0}$% 500V CC.	0655103	A
C009	10μF 25V EC.	0513100	B
TR001	2SC1061 (B, C)	0305771, 2	A, B
D001	10D-1	0310340	A
D002	10D-1	0310340	A
D003	10D-1	0310340	A
ZD001	RD-24A (N)	0315420	A, B
F01	3A Wired in Fuse	0432870	A
F02	0.5A Wired in Fuse	0432810	A
F03	0.5A Wired in Fuse	0432810	A
	F-1452 Printed Circuit Board	2500590	



List of Accessories

1. FM ANTENNA 1
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5. OPERATING INSTRUCTIONS AND SERVICE MANUAL 1
6. OPERATING INSTRUCTIONS SHEET 1

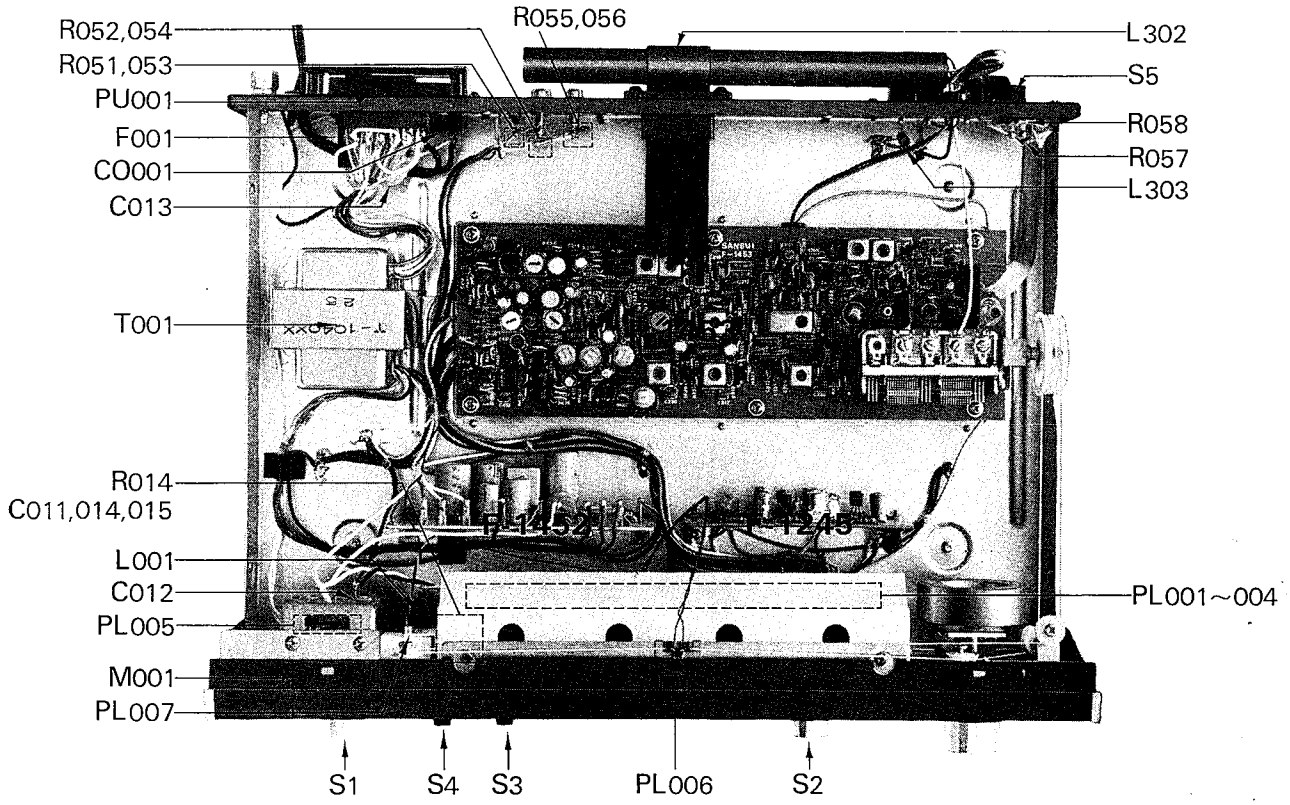
OTHER PARTS AND THEIR POSITION ON CHASSIS

OTHER PARTS

W	X	Y
R014	1kΩ }	0107102
R051	1.5kΩ }	0107152
R052	1.5kΩ }	0107152
R053	3.3kΩ }	0107332
R054	3.3kΩ } ± 5% 1/4W CR.	0107332
R055	3.9kΩ }	0107392
R056	3.9kΩ }	0107392
R057	3.9kΩ }	0107392
R058	3.9kΩ }	0107392
C011	0.001μF ±10% 50V MC.	0601106
C012	0.033μF ±20% 250V MPC.	0605337
C013	0.0047μF +80% −20% 150V CC.	0659802
C014	0.0068μF } ±10% 50V MC.	0601686
C015	0.0068μF }	0601686
S1	Power Switch	1190020, 1
S2	Selector Control F-1-4-3	1101441
S3	FM Muting Switch	1170060
S4	Noise Suppressor Switch	1170060
S5	FM Antenna Attenuater Switch	1110040
T001	Power Transformer	4001200
L001	100mH Ferri Inductor	4900190
L002	3.3μH Ferri Inductor	4900100

* Design and specifications subject to change without notice for improvements.

W	X	Y
L302	AM Bar Antenna	4220550
L303	100μH Micro Inductor	4900110
M001	Signal Meter	4300560
PU001	Voltage Selector Plug	2410090
	Voltage Selector Socket	2410080
CO001	AC Outlet	2450040
F001	0.5A Power Fuse (100/117V)	0431212
	0.3A Power Fuse (220/240V)	0431202
	Power Fuse Holder	2300060
PL001~005	7V 0.33A Dial Scale Lamp	0420040
	Lamp Holder (×5)	2310030
PL006	6.3V 75mA Dial Pointer Lamp	0400200
PL007	6V 0.03A FM Stereo Indicator	0400110
	Power Supply Cord	3800020
	Lug Board 1L1	2110010
	Lug Board 2L1	2110120
	Lug Board 1L1P	2110060
	F-1452 Power Supply Unit	7500700
	F-1453 Tuner Unit	7520550
	F-1245-1A MPX Differential Amp Unit	7591270



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